

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of ZANICHELLI

Application No.

Examiner:

Filed: Herewith

Group Art Unit:

For: CATALYTIC SECONDARY REFORMING PROCESS AND REACTOR FOR SAID  
PROCESS

**INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 CFR 1.97(b)**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

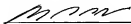
Pursuant to the Duty to Disclose under 37 C.F.R. §1.56, the references cited on the accompanying form PTO/SB/08A are hereby brought to the attention of the Examiner for independent evaluation. A copy of each foreign reference is enclosed. The references were cited in the International Search Report. A copy of the search report is enclosed.

Certification

This Statement is being filed concurrently with the filing of the present application, and this paper is thus submitted in accordance with 37 CFR §1.97(b). In view of the above certification, a fee is not required for consideration of these documents. Nevertheless, should a fee be deemed to be due by the Commissioner, such fee should be charged to Deposit Account No. 50-0951.

Respectfully submitted,

Dated: 5-5-06

  
\_\_\_\_\_  
Mark D. Passler  
Registration No. 40,764  
Sarah E. Smith  
Registration No. 50,488  
**AKERMAN SENTERFITT**  
Post Office Box 3188  
West Palm Beach, FL 33402-3188  
Tel: (561) 653-5000

Docket No. 9526-87

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1445PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	ZANICHELLI
Art Unit	
Examiner Name	
Attorney Docket Number	9526-87

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

Examiner's Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	1*
		Country Code* Number* Kind Code* (if known)	MM-DD-YYYY			
		EP-1 359 119-A1	11/05/2003	NISSAN MOTOR CO		
		GB-2 305 186-A	04/02/1997	HITACHI LTD.		
		WO 00/47517-A	08/17/2000	CASALE CHEMICAL		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 909. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **\*Applicant's unique citation designation number (optional):** \* See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. **\*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3):** \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. **\*Applicant is to place a check mark here if English language Translation is attached.**

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is guaranteed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-785-9199) and select option 2.

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference CCM016BWO	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2004/011949	International filing date (day/month/year) 22/10/2004	(Earliest) Priority Date (day/month/year) 06/11/2003
Applicant CASALE CHEMICALS S.A.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (see Box III).

## 4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

## 5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

## 6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP2004/011949

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C01B3/38 B01J4/00 B01J8/02 B01J8/04 B01J19/26  
B01F5/04 B01F15/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C01B B01J B01F F23C F23D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, API Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 359 119 A (NISSAN MOTOR) 5 November 2003 (2003-11-05)	1,2
Y	claims 1,8,12; figure 7	3-6,8,14
X	GB 2 305 186 A (HITACHI LTD) 2 April 1997 (1997-04-02)	7,9
Y	page 6, line 21 - page 11, line 3; figure 1	3-6,8,14
A	WO 00/47517 A (CASALE CHEMICALS S A ; BEDETTI GIANFRANCO (IT)) 17 August 2000 (2000-08-17) the whole document	1,7,9

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

24 January 2005

Date of mailing of the international search report

03/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Palensteinlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3036

Authorized officer

Engelen, K

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/EP2004/011949

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1359119	A	05-11-2003	JP 2003306307 A	28-10-2003
			EP 1359119 A1	05-11-2003
			US 2003188486 A1	09-10-2003
GB 2305186	A	02-04-1997	JP 3196549 B2	06-08-2001
			JP 8189380 A	23-07-1996
			GB 2296719 A ,B	10-07-1996
			US 5987878 A	23-11-1999
			US 5873236 A	23-02-1999
			US 5826422 A	27-10-1998
WO 0047517	A	17-08-2000	AT 268734 T	15-06-2004
			AU 771003 B2	11-03-2004
			AU 2313800 A	29-08-2000
			BR 0008048 A	30-10-2001
			CA 2361704 A1	17-08-2000
			CN 1340027 T	13-03-2002
			DE 60011425 D1	15-07-2004
			EP 1183209 A1	06-03-2002
			HU 0200615 A2	29-06-2002
			WO 0047517 A1	17-08-2000
			ID 30326 A	22-11-2001
			MX PA01008109 A	30-08-2002
			NZ 513255 A	29-08-2003
			PL 350136 A1	04-11-2002
			RU 2235058 C2	27-08-2004
			TR 200102318 T2	21-01-2002
			ZA 200106119 A	25-10-2002